Affective Elements of Science Learning Questionnaire.

Class and period: ___________________________ Date: ___________________________

Race or ethnicity: ___________________________ Gender: ___________________________

Please use this scale to make your choices for the statements below:

- SA: Strongly agree
- A: Agree
- U: Unsure
- D: Disagree
- SD: Strongly disagree

Circle one choice for each item:

1. I can succeed in science. SA A U D SD
2. I am confident that I understand science. SA A U D SD
3. I can solve complex problems in science. SA A U D SD
4. Science is too hard. SA A U D SD
5. I can interpret data tables and graphs in science. SA A U D SD
6. I can create scientific explanations using evidence. SA A U D SD
7. I can understand new ideas quickly when they are introduced to me in the science classroom. SA A U D SD
8. I understand scientific theories, laws, and concepts. SA A U D SD
9. I understand the language of science. SA A U D SD

Please explain your responses:

Circle one choice for each item:

10. I see myself pursuing a career in or relating to science. SA A U D SD
11. Good jobs require science. SA A U D SD
12. I want to take more science classes. SA A U D SD
13. The activities in science class trigger my curiosity. SA A U D SD
14. I enjoy science class. SA A U D SD
15. I like planning scientific investigations. SA A U D SD
16. I enjoy creating explanations for natural phenomena. SA A U D SD
17. I like solving scientific problems. SA A U D SD
18. Science is interesting. SA A U D SD

Please explain your responses:
Circle one choice for each item:
19. Science is important. SA A U D SD
20. I want to succeed in science. SA A U D SD
21. I want to be able to design a scientific investigation. SA A U D SD
22. I want to understand scientific concepts. SA A U D SD
23. I want to understand theories, laws, and concepts. SA A U D SD
24. I think doing well in science is important. SA A U D SD
25. It is important for me to know how to write in a scientific manner. SA A U D SD
26. It is important to be able to create scientific explanations. SA A U D SD
27. Scientific investigations are useful to me. SA A U D SD

Please explain your responses:

Circle one choice for each item:
28. I belong in the science classroom. SA A U D SD
29. I belong in a science-related field. SA A U D SD
30. I belong in the scientific community. SA A U D SD
31. I see myself as a future scientist. SA A U D SD
32. Others think I am good at science. SA A U D SD
33. Others think I should be a scientist. SA A U D SD
34. Others think I should pursue a science-related career. SA A U D SD
35. My teacher thinks I am good at science. SA A U D SD

Please explain your responses: